

METHOD FOR PRODUCING OCTAFLUORO[2,2]PARACYCLOPHANE**Publication number:** JP2001226300**Publication date:** 2001-08-21**Inventor:** UNEYAMA KENJI; MOUI HIDEKI**Applicant:** CENTRAL GLASS CO LTD**Classification:****- international:** **C07C17/26; C07C17/281; C07F7/08; C07C17/00; C07F7/00;** (IPC1-7): C07B61/00; C07C22/08; B01J21/10; C07C17/263**- european:** C07C17/26B; C07C17/281; C07F7/08C14B**Application number:** JP20000035548 20000214**Priority number(s):** JP20000035548 20000214**Also published as:**

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PROBLEM TO BE SOLVED: To provide a method for producing octafluoro[2,2]paracyclophane in high yield by using an industrially produced compound as a main raw material. **SOLUTION:** This method for producing octafluoro[2,2]paracyclophane is composed of a step (first step) reacting 1,4-bistrifluoromethylbenzene with a halogenated silane represented by general formula (1): R_3SiX (1) (wherein, R_s denote each an alkyl or an aryl independently; and X denotes a halogen) in the presence of a metal having low valence to obtain a compound represented by general formula (2) (wherein, R_s denote each an alkyl or an aryl independently) and a step (second step) dimerizing the compound represented by general formula (2) in the presence of fluoride ion.

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